

## SERIES 2

# CENTRAL AGRICULTURAL EXPERIMENT STATION

**Established:** 1923

**Location:** Konosu City, Saitama Prefecture

**Director:** KAMEO NOMOTO

**Total Number of Employees:** 319 (Research personnel: 167)

### Outline of Work:

This station is the national central institution which performs research and experiment on technical problems of agriculture. It is now concentrating its efforts on the establishment of basic technical system of farm mechanization through studying individual factors of the system.

The station also carries out studies on such subjects as the control of weeds and of insect pests and diseases, cross-breeding and fertilizing methods.

At the same time as a regional experimental station, it makes studies on the conditions and trends in agriculture in the Kanto-Tosan district in order to find a guide line for the agricultural modernization as well as the most profitable use of farmland in higher and cooler regions.

### Recent Principal Research Finding:

Breeding of new varieties of rice, wheat, barley and sweet potatoes.

Mechanized cultivation standard on lowland and upland in Kanto-Tosan district.

Weed control in rice cultivation.

High yielding of rice by fertilizer application and water control.

Large scale mechanization in dairy based on the self-supplying roughage.

Ecology of the virus diseases of rice plant.

Elimination of viruses from vegetatively propagated plants by meristem culture.

Management of grassland in the mountain region.

### Publications:

*Annual Report of the Central Agricultural Experiment Station.* (In Japanese, free exchange.)

*Journal of the Central Agricultural Experiment Station.* (In Japanese with English summary, semi-annual, free exchange.)

### Organization and Main Research Themes:

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| Director<br> <br>Deputy<br>Director | — | —Research Planning and Coordination Division (4 sections).  |
|                                     | — | —General Affairs Divisions (2 sections and 1 branch).   |
|                                     | — | —Crop Division (8 laboratories)—Breeding of rice, wheat, barley and sweet potatoes; Improvement of rice cultivation techniques and weed control.  |
|                                     | — | —Upland Farming Division (7 laboratories) (Kitamoto-machi, Saitama Prefecture)—Improvement of upland farming and cropping system by mechanization; Improvement of upland soil and fertilizer application. |
|                                     | — | —Environment Division (5 laboratories)—Control of crop diseases and insects; Improvement of paddy field soil and fertilizer application.  |
|                                     | — | —Farm Operation Division (6 laboratories)—Improvement of paddy field operations and cropping system by mechanization; Improvement in the management of rice producing farms by mechanization.             |
|                                     | — | —Farm Management Division (3 laboratories)—Regional agricultural study the Kanto-Tosan district farm survey and management designing.   |
|                                     | — | —Alpine Farming Branch Station (6 laboratories) (Miyota-machi, Nagano Prefecture)—Improvement of agriculture in elevated cooler regions.  |